

November 4, 2011 NIST Smart Grid Privacy Subgroup Meeting Notes

Minutes by Rebecca Herold

Please send this distribution list any necessary corrections or additions.

Next full group teleconference meeting:

Friday November 18, 2011 at 11:00am edt

Here are my summary notes from the meeting:

1. Past meeting notes

- See <http://collaborate.nist.gov/twiki-sggrid/bin/view/SmartGrid/CSCTGPrivacy>

2. Team Updates

a. Third Party Team: Brent Struthers (team lead)

- Brent: Still going through the existing 3rd party documents and filling out the matrix, also filling in the gaps. To create a best practices document.
- Hope to have by big group by Dec 15.

b. Privacy Use Cases Team: Christine Hertzog (team lead)

- Rebecca: Still going through the round robin reviews. Still making progress, though slow, with the three of us on the team.
- Jason Pittman: What about this? Someone considering the purchase of a property, and requesting information about the energy use at a property. Not interval data. Anyone could request for any address. They could request anonymously
- Tanya: Anyone can call now and release this information.
- Rebecca: Big concerns about releasing such information to just anyone. Why do they need it? It could be used in a variety of malicious ways.
- Jason: Is there a use case for this?
- Rebecca: I'll check.

c. PEV Team: Mike Coop (team lead)

- Coop:
 - Had a roaming meeting on Tuesday.
 - A privacy meeting this afternoon.
 - SAE has said they want to look at both security and privacy, they have created a draft SAE J2931/7 standard to apply to electric vehicles for security and privacy.
 - Only a couple participating, Includes Francis, Stan, led by Hidra Chaudry, and a few others.
 - Have had one meeting so far. That is one of the impetuses for getting us started again.
 - Last week the CPUC had a meeting and is looking at a sub-metering protocol. In certain jurisdictions they will be separately metered. Will help with costs.

- CPUC had said you will measure using a sub-meter. For the 3 big utilities, they are not permitted to own the sub-meter. That entire infrastructure needs to be created.
 - Will be using NAESB specification plus other stuff. Can use NAESB work from a privacy standpoint.
 - Not sure what network to use for the transport of the sub-meter data. May be a PEV service provider vendor, perhaps a business such as OnStar, etc.
 - Report due a week from today to CPUC. Another due at end of December with roadmaps, etc. Final due in July. Have motivation to finalize protocols for privacy.
 - In Illinois not metering PEVs separately. However, where power is higher, will likely see sub-metering in other locations as well. They will likely adopt what Cali has done. We need to make sure privacy is addressed and adopted in Cali.
 - Tanya: Who is allowed to participate in the SAE standard?
 - Coop: Anyone can put in request to participate. Rich Scheller from Chrysler welcomes external expert participation (non SAE members). Would love for more folks from the CSWG to participate. Should I drop Rich a note about this?
 - Rebecca: Sure.
 - Coop: will send a message and copy Tanya, Chris K, Rebecca and ask about participation.
- d. NSTIC Team: Krystina Schaefer/Amanda Stallings (team leads)
- Amanda: Still on hold
- e. Training and Awareness Team: Rebecca Herold (team lead)
- Rebecca: Described the purpose of the training slides.
 - To serve as a resource for the trainers within the various smart grid related entities.
 - To provide information about the smart grid topics that should be covered within their organizations.
 - To help those responsible for training to create a more effective, customized training class to best fit their own personnel.
 - Rebecca: Starting on the PUCs next, after the utilities training slide set.

2. Miscellaneous

- a. Tanya: If interested, there will be a CSWG briefing at grid Interop. All subgroup leads asking to put together 5 minute update. Dec 5 – 8 in Phoenix.
- b. Meetings are every other Friday**
- c. Next full group meeting will be Friday, November 18

Thanks,

Rebecca